CAPT Decision Support Tools

Youth Marijuana Use: Consumption, Consequence, and Risk and Protective Factor Data Resources

For State and Community-Level Substance Abuse Prevention Epidemiologists and Planners

SAMHSA's Center for the Application of Prevention Technologies

January, 2015

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INTRODUCTION

This compilation of data sources was developed for epidemiologists, researchers, practitioners, and others in the substance abuse prevention field who provide guidance or technical assistance to grantee communities seeking to address youth marijuana use in their communities. Intended to accompany the series of CAPT decision-support tools addressing youth marijuana use, this tool provides information on available surveys and data collection resources. This resource can be used to help communities measure or document the scope of youth marijuana use, consequences, and/or risk and protective factors and help to identify measures of marijuana-related outcomes.

Other documents in this suite of products include:

- *Risk and Protective Factors Associated with Youth Marijuana Use*, offering a summary of research findings on factors associated with marijuana use.
- *Strategies and Interventions to Prevent Youth Marijuana: An At-a-Glance Resource Tool*, offering brief summaries of the strategies and associated interventions described below.
- *Prevention Programs that Address Youth Marijuana Use*, which presents detailed descriptions of substance abuse prevention strategies and associated interventions that have been evaluated to determine their effects on marijuana outcomes.
- *Preventing Youth Marijuana Use: An Annotated Bibliography*, providing abstracts for the articles presented below.

Additionally, some of the data sources included in this document may overlap with the CAPT's *Substance Abuse Prevention Planning and* Epidemiology Tool (SAPPET), an interactive, online data tool containing 151 behavioral health indicators from 11 national data sources. To access SAPPET, go to: www.sappet-epi.com; Password: sappet. Areas of overlap with the SAPPET have been identified throughout the document.

DOCUMENT ORGANIZATION

This document is organized into three sections: 1) consumption, 2) consequences, and 3) risk and protective factors related to marijuana use among youth. Each section provides information on data sources including surveys developed and used by federal agencies, such as: Monitoring the Future, National Health and Nutrition Examination Survey, National Survey of Drug Use and Health, and Youth Risk Behavioral Survey, as well as other surveys developed by non-federal agencies such as the CORE survey, Communities that Care, and PRIDE Survey.

Each section includes a description of data sources, their geographic level, online analysis information (when available, for national data only), and indicators/survey items (where applicable).

INTENDED USE

This resource provides guidance on using epidemiological data to facilitate substance abuse prevention planning, monitoring, surveillance, and evaluation. For example, a state-level epidemiologist interested in understanding youth use rates could reference "Section 1: Youth Marijuana Use Data Sources" to gather information on the availability of various data sources on youth use rates. A community planner seeking to gather assessment data to better understand the consequences associated with youth marijuana use could reference "Section 2: Sources of Consequence Data on Youth Marijuana Use", where sources of national and local-level consequence data are highlighted.

This compilation of data sources on consumption, consequences, and risk and protective factors related to youth marijuana use provides access to online analysis of selected survey data. Where available, access to online survey data analysis is free, although the user may be required to set up an account. For example, Youth Risk Behavioral Survey data can be analyzed without creating a user account, while a user account must be created to access the Restricted Use Data Analysis System (R-DAS) of the National Survey on Drug Use and Health (NSDUH).

Surveys that are not available for online analysis usually provide national-level results via reports and other online documents. In addition, state and local level results and/or data may be available upon request by contacting the respective resource agencies.

CAVEATS

Please consider the following when using this and other data resource documents:

- At the time this document was created, all links to online information were active; however, links may change over time.
- The examples of data sources are for the youth population. Surveys developed for adults (18 years and older) only are not included in this document.
- Online analysis tools may not always include the most recent data available. For example, at this time, the latest NSDUH data available on R-DAS are for 2011, even though 2012 results are presented in published reports.
- This resource list was developed by a team of epidemiologists based on knowledge of sources used in the field and sources garnered from state epidemiological profiles. As such, it does not include all possible data sources that may be available. Additional data sources may also be developed after the release of this document.
- Questions related to relevant risk and protective factors were gleaned from various listed surveys. For a complete view of the survey instrument, see the link provided in the "Data Source" row.

SECTION 1. YOUTH MARIJUANA USE DATA SOURCES

ORGANIZATION:

For each data source, the following information is provided:

- **Data Source: The name** of the source, survey, or administering organization **and the URL(s)** where users can go to obtain more detailed information on the survey (background, methodology, reports, briefs, survey instruments, newsletters, and other resources).
- **Description: A description** of the administering organization's mission with regard to the survey or indicator(s), or in some cases, a description of what the source or survey assesses.
- **Sample/Available Populations:** The **target or sample population** surveyed or available through the source, and, if available, the **frequency** with which the survey or is conducted or the data are collected (yearly, biannually, etc.).
- **Geographic level:** The extent to which data are **geographically representative** at the national, state, and/or local level.
- **Indicators/Survey Items:** The exact wording of the marijuana-related **survey questions** or identification of marijuana-related **indicators**. In some cases, survey questions or their response options may be truncated due to the level of detail. To see the full questions, please view the survey at the link provided (under "Data Source").
- **Reports and Publications:** A link to existing **reports and publications** that use the data.
- **Online Analysis:** Public access to **data analysis**.

DATA SOURCE	AMERICAN DRUG AND ALCOHOL SURVEY (ADAS): http://bit.ly/ADAS_inst (SURVEY INSTRUMENT: http://adai.uw.edu/instruments/pdf/ADAS_287.pdf)
DESCRIPTION	Developed in 1987 by the Rocky Mountain Behavioral Science Institute, ADAS is a commercially available survey on drug use and related behaviors that is administered in school classrooms. It measures the rates of use and attitudes about alcohol, tobacco and other drugs.
SAMPLE/AVAILABLE POPULATIONS	**Populations Surveyed/Target Population:** • Adolescents, grades 6-12 • Children, grades 4-6 **Frequency:** • The frequency at which this survey is administered is at the discretion of the schools.
GEOGRAPHIC LEVEL	Information about the geographic level of this data source is not available, as schools may opt to administer it statewide, as a district, or as an individual school.

INDICATORS/SURVEY ITEMS	• Have you ever tried marijuana (pot, grass, hash, etc.)?
	• How have you used marijuana?
	  ○ I have not used it
	  ○ Smoked it
	  ○ Eaten it
	  ○ Smoked "blunts"
	  ○ Used a "bong" or other equipment
	  ○ Used sinsemilia
	  ○ Used hashish (hash)
	• How old were you the first time you tried marijuana?
	• How often in the last 12 months have you used marijuana?
	• How often in the last month have you used marijuana?
	• In using marijuana are you a . . .
	  ○ Non-user
	  ○ Very light user
	  ○ Light user
	  ○ Moderate user
	  ○ Heavy user
	  ○ Very heavy user
	• Have you ever . . . used marijuana when alone?

REPORTS & PUBLICATIONS	None
ONLINE DATA ANALYSIS	None

DATA SOURCE	COMMUNITIES THAT CARE (CTC): http://www.sdrg.org/ctcresource/ (SURVEY INSTRUMENT: http://store.samhsa.gov/shin/content//CTC020/CTC020.pdf)
DESCRIPTION	Developed by J. David Hawkins and Richard F. Catalano, CTC is a coalition-based community prevention operating system that uses a public health approach to prevent youth problem behaviors including underage drinking, tobacco use, violence, delinquency, school dropout and substance abuse.
SAMPLE/AVAILABLE POPULATIONS	**Populations Surveyed/Target Population:** • Grade level: 6-12 **Frequency:** • Frequency of administration depends on the schools.
GEOGRAPHIC LEVEL	Schools (voluntary participation; contact individual schools to assess participation)
INDICATORS/SURVEY ITEMS	• On how many occasions (if any) have you: ○ Used marijuana (weed, pot) or hashish (hash, hash oil) in your lifetime? ○ Used marijuana (weed, pot) or hashish (hash, hash oil) during the past 30 days?
REPORTS & PUBLICATIONS	None
ONLINE DATA ANALYSIS	None

DATA SOURCE	CORE INSTITUTE, SOUTHERN ILLINOIS UNIVERSITY CARBONDALE: http://core.siu.edu/
DESCRIPTION	The Core Institute is the largest national alcohol and other drug (AOD) database about college student's drinking and drug use in the country. The surveys measure college students' attitudes, perceptions, and opinions about alcohol and drugs. The surveys also measure behaviors of actual AOD use and consequences of use.
SAMPLE/AVAILABLE POPULATIONS	**Populations Surveyed/Target Population:** • Administered at high schools, two- and four-year colleges/universities **Frequency:** • The frequency at which this survey is administered is at the discretion of the institution.
GEOGRAPHIC LEVEL	National, representative sample of colleges
SHORT FORM The short form assesses the nature, scope, and consequences of alcohol and other drug use on college campuses	
INDICATORS/SURVEY ITEMS	• Within the last year about how often have you used . . . . . . Marijuana (pot, hash, hash oil)? • During the past 30 days, on how many days did you have . . . . . . Marijuana (pot, hash, hash oil)?
LONG FORM This survey contains all the features of the short form, but also assesses the students' attitudes, perceptions, and opinions about alcohol and drugs.	
INDICATORS/SURVEY ITEMS	• At what age did you first use . . . . . . Marijuana (pot, hash, hash oil)? • Within the last year about how often have you used . . . . . . Marijuana (pot, hash, hash oil)? • During the past 30 days on how many days did you have . . . . . . Marijuana (pot, hash, hash oil)?
COMMUNITY COLLEGE FORM This survey contains all the features of the long form, but redesigned specifically for community college campuses.	
INDICATORS/SURVEY ITEMS	• Within the last year about how often have you used . . . . . . Marijuana (pot, hash, hash oil)? • During the past 30 days on how many days did you have . . . . . . Marijuana (pot, hash, hash oil)?
HIGH SCHOOL EDITION This form contains all the features of the long form, but has been redesigned specifically for high schools.	
INDICATORS/SURVEY ITEMS	• During the past 12 months about how often have you used each substance? Do not include drugs prescribed by a medical professional. . . . Marijuana (pot, hash, hash oil)? • During the past 30 days on how many occasions did you use each substance? . . . Marijuana (pot, hash, hash oil) • During the past 30 days on how many occasions do you think the typical student on your campus has used each substance? . . . Marijuana (pot, hash, hash oil)

REPORTS & PUBLICATIONS	Statistical reports drawn from a sample of undergraduate students are available at http://core.siu.edu/results/index.html: • Annual reports for years 2006–2013 • National reports for years 2006–2008 and 2009–2011, 2011–2013
ONLINE DATA ANALYSIS	Cost associated with online analysis, but one can obtain executive summary, cross-tabulation report, and raw data file at no charge.

DATA SOURCE	MONITORING THE FUTURE (MTF): http://www.monitoringthefuture.org/
DESCRIPTION	Monitoring the Future is an ongoing study of the behaviors, attitudes, and values of American secondary school students, college students, and young adults.
SAMPLE/AVAILABLE POPULATIONS	**Populations Surveyed/Target Population:** • Nationally representative samples of 8th, 10th, and 12th grade students **Frequency:** • Annual survey (1975 to present)
GEOGRAPHIC LEVEL	• National • Regional (West, Midwest, South, Northeast) • Large Metropolitan Statistical Areas (MSA), other MSAs, and non-MSAs
INDICATORS/SURVEY ITEMS	• On how many occasions (if any) have you used marijuana (grass, pot) or hashish (hash, hash oil) . . . in your lifetime; . . . during the last 12 months; . . . during the last 30 days? • On how many occasions (if any) have you used marijuana . . . in your lifetime; . . . during the last 12 months; . . . during the last 30 days? • During the last 12 months, on how many occasions (if any) have you . . . taken "synthetic marijuana" ("K2," "Spice") to get high? • Thinking back over your whole life, has there ever been a period when you used marijuana or hashish on a daily, or almost daily, basis for at least a month? • How recently did you use marijuana or hashish on a daily or almost daily, basis for at least a month? • Over your whole lifetime, during how many months have you used marijuana or hashish on a daily or near-daily basis? • When you use marijuana or hashish, how high do you usually get? • When you use marijuana or hashish, how long do you usually stay high? • During the last two weeks, how many times have you driven a car, truck, or motorcycle after . . . Smoking marijuana? • During the last two weeks, how many times (if any) have you been a passenger in a car . . . When the driver had been smoking marijuana? • How many of the times when you used marijuana or hashish during the last year did you use it along with alcohol—that is, so that their effects overlapped? • During the last month, about how many marijuana cigarettes (joints, reefers), or the equivalent, did you smoke a day, on the average? (If you shared them with other people, count only the amount YOU smoked.) • During the last four weeks, on how many days (if any) were you . . . Under the influence of marijuana or some other illegal drug while you were at school?
REPORTS & PUBLICATIONS	http://www.monitoringthefuture.org/pubs.html#refvols
ONLINE DATA ANALYSIS	Online analysis is not available. However, some MTF data are available at http://www.icpsr.umich.edu/icpsrweb/ICPSR/series/00035.

DATA SOURCE	**NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY (NHANES):** http://www.cdc.gov/nchs/nhanes.htm **(SURVEY INSTRUMENTS:** http://www.cdc.gov/nchs/nhanes/nhanes_questionnaires.htm)
DESCRIPTION	NHANES is a program of studies designed to assess the health and nutritional status of adults and children in the United States. The survey combines interviews and physical examinations.
SAMPLE/AVAILABLE POPULATIONS	**Populations Surveyed/Target Population:** • Nationally representative sample of about 5,000 persons each year. These persons are located in counties across the country, 15 of which are visited each year. Sample for the survey is selected to represent the U.S. population of all ages. **Frequency:** • Annual survey (early 1960's–present)
GEOGRAPHIC LEVEL	National
INDICATORS/SURVEY ITEMS	• Have you ever, even once, used marijuana or hashish? • How old were you the first time you used marijuana or hashish? • Have you ever smoked marijuana or hashish at least once a month for more than one year? • How old were you when you started smoking marijuana or hashish at least once a month for one year? • How long has it been since you last smoked marijuana or hashish at least once a month for one year? • During the time that you smoked marijuana or hashish, how often would you usually use it? • During the time that you smoked marijuana or hashish, how many joints or pipes would you usually smoke in a day? • How long has it been since you last used marijuana or hashish? • During the past 30 days, on how many days did you use marijuana or hashish?
REPORTS & PUBLICATIONS	None
ONLINE DATA ANALYSIS	Online analysis is not available. However, some NHANES data are available at http://www.icpsr.umich.edu/icpsrweb/ICPSR/series/00039.

DATA SOURCE	NATIONAL SURVEY ON DRUG USE AND HEALTH (NSDUH): http://oas.samhsa.gov/nsduh.htm (SURVEY INSTRUMENT: http://oas.samhsa.gov/nsduh/2k10MRB/2k10Q.pdf)
DESCRIPTION	Provides national and state-level data on the prevalence, patterns, and consequences of alcohol, tobacco, and illegal drug use and abuse in the general U.S. civilian non institutionalized population, age 12 and older. The survey uses a combination of in-person, computer-assisted interviews.
SAMPLE/AVAILABLE POPULATIONS	**Populations Surveyed/Target Population:** • Survey participants are civilian, non-institutionalized population ages 12 and older in the U.S., including residents of non-institutional group quarters such as college dormitories, group homes, shelters, rooming houses, and civilians dwelling on military installations. **Frequency:** • Annual survey (1971 – present)
GEOGRAPHIC LEVEL	National, regional, state, and sub-state (Definitions of "sub-state" may vary, see the link below for details on how each state defines sub-state level: http://www.samhsa.gov/data/NSDUH/substate2k12/RegionDefs/NSDUHsubstateRegionDefs2012.htm)
INDICATORS/SURVEY ITEMS	Due to the level of detail, the actual survey questions are not listed here as they were for other surveys. To view the survey, go to: http://oas.samhsa.gov/nsduh/2k10MRB/2k10Q.pdf. You can find pertinent questions by using key word searches (e.g., *marijuana*) of the survey. The related survey questions measure the following: • Marijuana use in the past year • Marijuana use in the past month
REPORTS & PUBLICATIONS	http://www.icpsr.umich.edu/icpsrweb/ICPSR/series/00064
ONLINE DATA ANALYSIS	Restricted use Data Analysis System (R-DAS): http://www.icpsr.umich.edu/icpsrweb/content/SAMHDA/rdas.html • NSDUH 10-Year Sub-state R-DAS File (2002–2011) • NSDUH 8-Year R-DAS File (2002–2009) • NSDUH 4-Year R-DAS File (2002–2005 and 2006–2009) • NSDUH 2-Year R-DAS File (2002–2003, 2004–2005, 2006–2007, 2008–2009, and 2010–2011) *Online data analysis options are also available through the CAPT's SAPPET system:* www.sappet-epi.com; Password: sappet

DATA SOURCE	PRIDE SURVEYS: http://www.pridesurveys.com/
DESCRIPTION	Pride Surveys was created in 1982 with the purpose of helping local schools measure student alcohol, tobacco and other drug use through the use of student surveys.
SAMPLE/AVAILABLE POPULATIONS	**Populations Surveyed/Target Population:** • Grades 4–6 • Grades 9–12 **Frequency:** • The frequency at which this survey is administered is at the discretion of the institution.
GEOGRAPHIC LEVEL	National, state (Specific state reports are: Alabama, Georgia, Mississippi, New York, Texas, Virginia, and West Virginia.)
INDICATORS/SURVEY ITEMS	**Grades 4–6:** • Within the past year have you. . . . . . Smoked marijuana (pot)? **Grades 6–12:** • Within the past year how often have you. . . . . . Smoked marijuana (pot, hash, etc.)?
REPORTS & PUBLICATIONS	Some state and national data summaries on student behavior & perceptions are available to the public at: http://www.pridesurveys.com/index.php/reports-on-student-behavior-perceptions-2/
ONLINE DATA ANALYSIS	None

DATA SOURCE	YOUTH RISK BEHAVIORAL SURVEILLANCE SYSTEM (YRBSS): http://www.cdc.gov/HealthyYouth/yrbs/index.htm
DESCRIPTION	The YRBSS monitors health-risk behaviors that contribute to the leading causes of death and disability among youth and adults, including alcohol, tobacco, and other drug use. YRBSS includes a national school-based survey.
SAMPLE/AVAILABLE POPULATIONS	**Populations Surveyed/Target Population:** • Cross-sectional data representative of public- and private-school students in grades 9-12 (high school) and grades 6-8 (middle school) in the 50 states and DC **Frequency:** • Biennial (odd years) survey
GEOGRAPHIC LEVEL	**High School (1991 –present)** • National *NOTE: Participation history can be found:* http://www.cdc.gov/healthyyouth/yrbs/history-states.htm **Middle School (1995 – present; conducted by interested states, territories, tribal governments, and large urban school districts)** *NOTE: Participation history can be found:* http://www.cdc.gov/healthyyouth/yrbs/history-states_ms.htm
INDICATORS/SURVEY ITEMS	**Standard High School (state and local) questionnaire:** • During your life, how many times have you used marijuana? • During the past 30 days, how many times did you use marijuana? **National High School questionnaire:** • During your life, how many times have you used marijuana? • During the past 30 days, how many times did you use marijuana? **Middle School survey:** • Have you ever used marijuana?
REPORTS & PUBLICATIONS	None
ONLINE DATA ANALYSIS	**High School:** • Prevalence and trend data: 1991–2011: http://nccd.cdc.gov/YouthOnline/App/Default.aspx **Middle School:** • Prevalence and trend data: 1995–2011: http://nccd.cdc.gov/YouthOnline/App/Default.aspx *Online data analysis options are also available through the CAPT's SAPPET system:* www.sappet-epi.com; Password: sappet

SECTION 2. SOURCES OF CONSEQUENCES DATA ON YOUTH MARIJUANA USE (NATIONAL AND LOCAL)

NATIONAL SOURCES

ORGANIZATION:

This section contains suggested sources for data or types of data that can be found at the national level. Each entry is organized as follows:

- **Data Source:** The **name** of the source, survey, or administering organization and the **URL(s)** where users can go to obtain more detailed information on the tool or source (background, methodology, reports, briefs, survey instruments, newsletters, and other resources).
- **Description: A description** of the administering organization's mission with regard to the survey or indicator(s), or in some cases, description of what the source or survey assesses.
- **Sample/Available Populations:** The **target or sample population** surveyed or available through the source, and, if available, the **frequency** with which the survey or is conducted or the data are collected (yearly, biannually, etc.).
- **Geographic level:** The extent to which data are **geographically representative** at the national, state, and/or local level.
- **Indicators/Survey Items:** The exact wording of the marijuana-related **survey questions** or identification of marijuana-related **indicators**. In some cases, survey questions or their response options may be truncated due to the level of detail. To see the full questions, please view the survey at the link provided (under "Data Source"). In some cases, data are collected via death certificates, hospital records, accident reports, etc. In these cases, no specific surveys or survey items apply.
- **Reports and Publications:** A link to existing **reports and publications** that use the data.
- **Online Analysis:** Public access to **data analysis**.

DATA SOURCE	CENTERS FOR DISEASE CONTROL AND PREVENTION - WIDE RANGING ONLINE DATA FOR EPIDEMIOLOGICAL RESEARCH (CDC WONDER): http://wonder.cdc.gov/
DESCRIPTION	CDC WONDER is a public health research tool that includes easy access to public documents on numerous health-related topics, as well as public-use data sets on deaths, births, cancer incidence, HIV and AIDS, census data, population and the environment. Mortality data on underlying and multiple cause of death are available on CDC WONDER via the Centers for Disease Control and Prevention, National Center for Health Statistics (NCHS), Office of Analysis and Epidemiology. *Caveats:* Underlying cause of death for years prior to 1999 uses the International Classification of Diseases 9th Revision (ICD 9) codes. Beginning in 1999, underlying causes of death uses the International Classification of Diseases 10th Revision (ICD 10) codes. Marijuana (Cannabis) is among the list of codes.
SAMPLE/AVAILABLE POPULATIONS	• The Underlying Cause of Death and Multiple Cause of Death databases in CDC WONDER contain mortality data provided on death certificates from all U.S. counties in all 50 states and the District of Columbia for the years 1999 to 2011. • The Compressed Mortality database includes mortality data provided on death certificates from all U.S. counties in the 50 states and the District of Columbia for 1968 through 2010.
GEOGRAPHIC LEVEL	• National, state, and county
INDICATORS/SURVEY ITEMS	• The Underlying Cause of Death and Multiple Cause of Death databases in CDC WONDER contain counts and rates (crude and age-adjusted) as well as 95% confidence intervals and standard errors for death rates by underlying cause of death, age, race, Hispanic ethnicity, sex, year, month, and day of death. Data are also available by urbanization categories, drug and alcohol related causes of death, injury intent and mechanisms, place of death and whether an autopsy was performed. In addition to all of these indicators, the Multiple Causes of Death database includes both a single underlying cause of death and up to 20 multiple causes of death. • The Compressed Mortality database includes counts and rates of mortality data provided on death certificates by underlying cause of death, age, race, Hispanic ethnicity, sex, year, month, and day of death, urbanization categories, drug and alcohol related causes of death, injury intent and injury mechanisms.
REPORTS & PUBLICATIONS	Searchable database for specific reports: http://www.cdc.gov/nchs/nvss/nvss_products.htm
ONLINE ANALYSIS	Underlying Cause of Death (Detailed): http://wonder.cdc.gov/ucd-icd10.html Multiple Cause of Death: http://wonder.cdc.gov/mcd.html Compressed Mortality: http://wonder.cdc.gov/mortSQL.html Other data files also available. See website to access these.

DATA SOURCE	DRUG ABUSE WARNING NETWORK (DAWN): http://www.icpr.umich.edu/icpsrweb/ICPSE/series/97
DESCRIPTION	DAWN monitors drug-related hospital emergency departments (ED) visits and drug-related deaths investigated by medical examiners and coroners. DAWN online data are available via the Substance Abuse and Mental Health Data Archive (SAMHDA). *Caveats:* Cannot be used to measure the prevalence of drug abuse; data collection ended December 31, 2011
SAMPLE/AVAILABLE POPULATIONS	• DAWN is a nationally representative public health surveillance system
GEOGRAPHIC LEVEL	• National and 13 metropolitan areas
INDICATORS/SURVEY ITEMS	• Drug-related ED visits resulting from substance misuse or abuse, adverse reactions to drugs taken as prescribed, accidental ingestion of drugs, drug-related suicide attempts, and other drug- related medical emergencies
REPORTS AND PUBLICATIONS	• Searchable database for specific reports: http://www.icpsr.umich.edu/icpsrweb/ICPSR/series/97
ONLINE ANALYSIS	http://www.icpsr.umich.edu/icpsrweb/ICPSR/series/97

DATA SOURCE	FATALITY ANALYSIS REPORTING SYSTEM (FARS): http://www.nhtsa.gov/FARS
DESCRIPTION	FARS is the National Highway Traffic Safety Administration's nationwide reporting system on fatal injuries suffered in motor vehicle traffic crashes.
SAMPLE/AVAILABLE POPULATIONS	• FARS contains data on all vehicle crashes within the 50 states, the District of Columbia and Puerto Rico that occur on a public roadway and involve a fatality.
GEOGRAPHIC LEVEL	• National and all 50 states, DC, and Puerto Rico
INDICATORS/SURVEY ITEMS	• FARS data comprise numerous indicators including drug test results of the decedent where available.
REPORTS AND PUBLICATIONS	http://www-nrd.nhtsa.dot.gov/cats/Index.aspx Drug Involvement of Fatally Injured Drivers - http://www-nrd.nhtsa.dot.gov/Pubs/811415.pdf
ONLINE ANALYSIS	• A query system (FARS Web-based Encyclopedia) that includes data for the years 1994–2012: http://www-fars.nhtsa.dot.gov/Main/index.aspx • An FTP site containing all FARS data in downloadable format for the years 1975–2012: ftp://ftp.nhtsa.dot.gov/fars/ *Online data analysis options are also available through the CAPT's SAPPET system:* www.sappet-epi.com; Password: sappet

DATA SOURCE	TREATMENT EPISODE DATA SET (TEDS): http://wwwdasis.samhsa.gov/webt/information.htm
DESCRIPTION	Part of SAMHSA's Drug and Alcohol Services Information System (DASIS), TEDS is a compilation of data on the demographic and substance abuse characteristics of admissions to (and more recently, on discharges from) substance abuse treatment. *Caveats:* • TEDS does not include all admissions to substance abuse treatment. • Differences in state systems of licensure, certification, accreditation, and disbursement of public funds affect the scope of facilities included in TEDS. Treatment facilities that are operated by private for-profit agencies, hospitals, and the State correctional system, if not licensed through the state substance abuse agency, may be excluded from TEDS. • TEDS does not include data on facilities operated by Federal agencies (e.g., the Bureau of Prisons, the Department of Defense, and the Veterans Administration). • TEDS is an admission-based system. TEDS admissions do not represent individuals. (So, for example, an individual admitted to treatment twice within a calendar year would be counted as two admissions.)
SAMPLE/AVAILABLE POPULATIONS	• Includes admissions to facilities that are licensed or certified by the State substance abuse agency to provide substance abuse treatment (or are administratively tracked by the agency for other reasons). In general, facilities reporting TEDS data are those that receive State alcohol and/or drug agency funds (including Federal Block Grant funds) for the provision of alcohol and/or drug treatment services.
GEOGRAPHIC LEVEL	• National. Data can be requested from each of the 50 states, DC, and Puerto Rico. States that miss the data submission deadline or submit incomplete data may be excluded.
INDICATORS/SURVEY ITEMS	• Demographic and substance abuse characteristics of admissions to and discharges from substance abuse treatment.
REPORTS AND PUBLICATIONS	• TEDS Reports on treatment admissions and treatment discharges: http://store.samhsa.gov/list/series?name=Treatment-Episode-Data-Set-TEDS-&pageNumber=1 http://store.samhsa.gov/product/Primary-and-Secondary-Tertiary-Marijuana-Use-among-Substance-Abuse-Treatment-Admissions/TEDS10-1216 http://oas.samhsa.gov/dasis.htm#teds2 • Short reports on treatment admissions, treatment discharges, and facilities • TEDS data files • TEDS quick statistics – summary tables for each state and all states combined, which include treatment admissions by primary substance of abuse and demographic characteristics: wwwdasis.samhsa.gov/webt/newmapv1.htm • Searchable database for specific reports: http://www.icpsr.umich.edu/icpsrweb/content/SAMHDA/publications/index.html
ONLINE ANALYSIS	http://www.icpsr.umich.edu/icpsrweb/SAMHDA/browse Data are updated quarterly; Data sets available for years 1992–2012

	Online data analysis options are also available through the CAPT's SAPPET system: www.sappet-epi.com; Password: sappet
DATA SOURCE	**THE FEDERAL BUREAU OF INVESTIGATION'S UNIFORM CRIME REPORTS (UCR) PROGRAM:** http://www.fbi.gov/about-us/cjis/ucr/crime-in-the-u.s/2012/crime-in-the-u.s.-2012/offenses-known-to-law-enforcement/offenses-known-to-law-enforcement
DESCRIPTION	The UCR program collects and reports data on crime incidence reports.
SAMPLE/AVAILABLE POPULATIONS	Data are available for over 18,000 voluntarily participating federal, state, county, city, tribal, and university/college law enforcement agencies in all 50 states and DC.
GEOGRAPHIC LEVEL	National, regional, and all 50 states and DC
INDICATORS/SURVEY ITEMS	UCR program areas include reported crimes in the U.S., including drug arrest data for marijuana (National Incidence-Based Reporting System),
REPORTS AND PUBLICATIONS	http://www.fbi.gov/about-us/cjis/ucr/ucr-publications
ONLINE ANALYSIS	Online analysis available for Part I offenses including violent crimes and property crimes: http://www.ucrdatatool.gov/ Data tables: 1995–2012: http://www.fbi.gov/about-us/cjis/ucr/crime-in-the-u.s/2012/crime-in-the-u.s.-2012/offenses-known-to-law-enforcement/offenses-known-to-law-enforcement Arrest data—drug abuse violations: http://www.fbi.gov/about-us/cjis/ucr/crime-in-the-u.s/2012/crime-in-the-u.s.-2012/persons-arrested/persons-arrested *Online data analysis options are also available through the CAPT's SAPPET system:* www.sappet-epi.com; Password: sappet

DATA SOURCE	MONITORING THE FUTURE (MTF): http://www.monitoringthefuture.org/
DESCRIPTION	Monitoring the Future is an ongoing study of the behaviors, attitudes, and values of American secondary school students, college students, and young adults.
SAMPLE/AVAILABLE POPULATIONS	• A nationally representative sample of 8th, 10th, and 12th grade students assessed annually from 1975 to present
GEOGRAPHIC LEVEL(S)	• National • Regional (West, Midwest, South, Northeast)
INDICATORS/SURVEY ITEMS	Survey includes questions about accidents occurring after smoking marijuana or hashish and motor vehicle moving violations that occurred after smoking marijuana or hashish. • Within the LAST 12 MONTHS how many times, if any, have you received a ticket (OR been stopped and warned) for moving violations, such as speeding, running a stop light, or improper passing? • How many of these tickets or warnings occurred after you were . . . smoking marijuana or hashish? • We are interested in any accidents which occurred while you were driving a car, truck, or motorcycle. ("Accidents" means a collision involving property damage or personal injury—not bumps or scratches in parking lots.) During the LAST 12 MONTHS, how many accidents have you had while you were driving (whether or not you were responsible)? • How many of these accidents occurred after you were . . . smoking marijuana or hashish?
REPORTS AND PUBLICATIONS	• http://www.monitoringthefuture.org/pubs.html
ONLINE DATA ANALYSIS	Online analysis is not available. However, some MTF data are available at http://www.icpsr.umich.edu/icpsrweb/ICPSR/series/00035.

LOCAL DATA SOURCES

ORGANIZATION:

This section contains suggested sources for data or types of data that can be located at the local level, within various community sectors and institutions. The entries below are organized differently than the national data sources found above. Local-level data varies significantly in the timetable for collection, availability across counties, cities, or communities, and method of collection, and does not lend itself to the organizational system that we selected for national data sources.

Each entry is organized as follows:

- **Data Source:** The **name** of the source, survey, or administering organization and the **URL(s)** where users can go to obtain more detailed information on the tool or source (background, methodology, reports, briefs, survey instruments, newsletters, and other resources).
- **Example:** Link or description of a website or organization where the data may be housed.
- **Description:** provides an overview of the organization or entity's mission, or in some cases, describes what the study or survey assesses.
- **Geographic level:** The extent to which data is **geographically representative** at the national, state, and/or local level.
- **What to request:** A description of possible data available.

DATA SOURCE OR TYPE OF DATA	COMMUNITY HEALTH CENTERS
EXAMPLE	**National Association of Community Health Centers (NACHC):** http://www.nachc.com/
DESCRIPTION	Community health centers collect relevant data on substance use, related health problems, and services provided. NACHC works with a network of state health center and primary care organizations to serve health centers in a variety of ways and offers a central source of information on community care. The NACHC Research Department collects data, performs analysis, and applies information to empower communities in their efforts to improve public health. Their website includes fact sheets by state: http://nachc.org/research-and-data/state-level-data-maps/
POSSIBLE CONTACT	See NACHC's website for a listing of local community health centers
GEOGRAPHIC LEVEL	National and state
WHAT TO REQUEST	Most community health centers collect data on: • Types of services provided • Number of patients encountered (for substance abuse, not specified by drug type) • Number of patients (for substance abuse, not specified by drug type) • Demographic and socioeconomic characteristics of patients served

DATA SOURCE OR TYPE OF DATA	POLICE DEPARTMENT AND SHERIFF'S OFFICE
EXAMPLE	**USA Cops: The Nation's Law Enforcement Site:** http://www.usacops.com/
DESCRIPTION	Your local police department and sheriff's office has data for drug: • Arrests • Bookings • Seizures • Testing
POSSIBLE CONTACT	See USA Cops' website for a listing of names, addresses, and phone numbers of local law enforcement agencies
GEOGRAPHIC LEVEL	State and County and City level (all sheriffs' offices and police departments by street address).
WHAT TO REQUEST	• Total number of arrests during a specific time period • Number of arrests for each type of drug • Demographic characteristics of arrestees by drug type and type of arrests (possession, sales) • Test data (urinalysis, hair testing, or other testing)

DATA SOURCE OR TYPE OF DATA	DRUG COURTS
EXAMPLE	**National Association of Drug Court Professionals (NADCP):** http://www.nadcp.org/nadcp-home/
DESCRIPTION	Drug courts handle cases involving substance abuse offenders. Eligible drug-addicted persons may be sent to drug court in lieu of traditional justice system case processing. Drug courts keep individuals in treatment long enough for it to work, while supervising them closely.
POSSIBLE CONTACT	See NADCP's website for a listing of local drug courts
GEOGRAPHIC LEVEL	State, county, and municipal courts and federal drug courts.
WHAT TO REQUEST	Local drug courts may be able to provide: • Total number of drug court participants during a specific time period • Demographic characteristics of participants by drug type and offense • Total number of successful completions by drug type

DATA SOURCE OR TYPE OF DATA	POISON CONTROL CENTERS
EXAMPLE	**National Poison Data System (NPDS):** http://www.aapcc.org/data-system/
DESCRIPTION	The primary purpose of poison control centers is to provide information and management guidelines to callers from designated geographical areas. Poison centers are staffed by toxicology specialists (e.g., pharmacists, physicians, nurses and poison information providers) who respond to concerns and emergency situations related to exposures to a chemical, environmental, or drug product. These specialists offer telephone advice, treatment recommendations, and referral sources. Poison centers can be a potential source of current information on trends and patterns of abuse of illicit and licit drugs.
POSSIBLE CONTACT	See NPDS' website to request data and for a listing of over 55 local poison control centers.
GEOGRAPHIC LEVEL	National and 57 regional poison centers serving the entire population of the 50 United States, American Samoa, DC, Federated States of Micronesia, Guam, Puerto Rico, and the U.S. Virgin Islands.
WHAT TO REQUEST	• Number of calls by substance • Demographic characteristics (gender, age, race/ethnicity) • Route of administration • Reason for exposure: unintentional, intentional, adverse reaction, other, and unknown • Exposure site: patient taken for health care, treatments provided, medical outcome, clinical effects, and other duration of clinical effects

OTHER SOURCES OF LOCAL DATA

DATA SOURCE OR TYPE OF DATA	HOSPITAL ADMISSION AND DISCHARGE DATA
EXAMPLE	The example below is from California's Hospital Discharge Data website (availability and format from other states and jurisdictions may vary): http://oshpd.ca.gov/HID/Products/PatDischargeData/PublicDataSet/index.html
DESCRIPTION	Hospitals maintain patient-level records that include date of admissions and date of discharge. Hospital admissions and discharge data provide comprehensive health-related information including patient's demographics, insurance status, clinical diagnoses, and medical procedures. Hospitals submit their data based on the date of patient discharge. For substance abuse researchers, often records are extracted based on the date of admission.
POSSIBLE CONTACT	• Local or State hospital • State Health Department
GEOGRAPHIC LEVEL	• Varies
WHAT TO REQUEST	Hospital in-patient discharge data by hospital location that includes: • Date of admission and discharge • Total number of drug related diagnoses at discharge by drug type • Demographic characteristics of patients by clinical diagnoses, specifically drug use related diagnoses

DATA SOURCE OR TYPE OF DATA	MORTALITY DATA
EXAMPLE	The example below is from Pennsylvania's Office of Vital Records Web Portal (availability and format from other states and jurisdictions may vary): http://www.portal.state.pa.us/portal/server.pt?open=514&objID=596038&mode=2
DESCRIPTION	Indicate number of deaths by date, time, and cause. Underlying cause of death refers to the disease, substance, or injury that initiated the occurrences directly leading to death.
POSSIBLE CONTACT	• State or County Office of Vital Records • Medical examiner • Coroner's office
GEOGRAPHIC LEVEL	• Varies
WHAT TO REQUEST	• Case number • Date of death • Demographic characteristics of the decedent (gender, age, race/ethnicity) • Manner of death • BAC for alcohol • Primary, secondary, and/or tertiary causes of death • Other conditions, zip code

DATA SOURCE OR TYPE OF DATA	SCHOOLS
EXAMPLE	The example below is from Pennsylvania's Youth Survey Portal (availability and format from other states and jurisdictions may vary): http://www.portal.state.pa.us/portal/server.pt/community/justice_research/5259/pennsylvania_youth_survey_for_2013/1340339
DESCRIPTION	States and/or local school districts may sponsor school-administered surveys to collect information from middle school and high school students on self-reported alcohol, tobacco and other substance use, including marijuana use. School surveys usually measure prevalence of substance use, factors affecting substance use, and students' attitudes regarding substance use. In addition, some surveys include outcome or consequence indicators related to substance use such as, school suspension, expulsion, and other disciplinary actions.
POSSIBLE CONTACT	State and County Departments of Education; local school districts
GEOGRAPHIC LEVEL	Varies. Availability will depend on the sampling design of the survey as well as the confidentiality requirements of the supporting jurisdiction.
WHAT TO REQUEST	School-administered survey data that includes student demographics by substance type and related outcomes

DATA SOURCE OR TYPE OF DATA	TREATMENT FACILITIES
EXAMPLE	The example below is from Massachusetts's Treatment Statistics (availability and format from other states and jurisdictions may vary): http://www.mass.gov/eohhs/gov/departments/dph/programs/substance-abuse/data/treatment-statistics.html
DESCRIPTION	Treatment programs collect data at the time of admission. Types of data collected include: • Types of substance used by the client entering into treatment • Client characteristics (gender, age, race/ethnicity, etc.)
POSSIBLE CONTACT	Director of the treatment facility. See listing of treatment facilities, by location at: http://findtreatment.samhsa.gov/
GEOGRAPHIC LEVEL	State, County, and municipality.
WHAT TO REQUEST	• Primary drug of abuse • Sociodemographic characteristics of the client • Frequency of drug use • Referral source, such as the criminal justice system • Type of services received • Reason for discharge

The Inter-university Consortium for Political and Social Research at the University of Michigan maintains a data archive of more than 500,000 files of research in the behavioral and social sciences with 16 specialized collections of data in various fields including substance abuse. Additional survey data and research studies on substance use may be available by accessing this research database at: http://www.icpsr.umich.edu/icpsrweb/landing.jsp. Search terms of interest may include “Marijuana”, “Cannabis”, etc.

SECTION 3. SOURCES OF RISK AND PROTECTIVE FACTOR DATA RELATED TO YOUTH MARIJUANA USE

ORGANIZATION

This section contains sources of risk and protective factor data on youth marijuana use. Each entry is organized as follows:

- **Data Source: The name** of the source, survey, or administering organization **and the URL(s)** where users can go to obtain more detailed information on the survey (background, methodology, reports, briefs, survey instruments, newsletters, and other resources).
- **Description: A description** of the administering organization's mission with regard to the survey or indicator(s), or in some cases, a description of what the source or survey assesses.
- **Sample/Available Populations:** The **target or sample population** surveyed or available through the source, and, if available, the **frequency** with which the survey or is conducted or the data are collected (e.g., yearly, biannually).
- **Geographic level:** The extent to which data are **geographically representative** at the national, state, and/or local level.
- **Indicators/Survey Items:** The exact wording of the marijuana-related **survey questions** or identification of marijuana-related **indicators**. In some cases, survey questions or their response options may be truncated due to the level of detail. To see the full questions, please view the survey at the link provided (under "Data Source"). Survey questions or indicators are organized by ecological level (e.g., community, peer, individual), but not by overarching construct. The reader is encouraged to speak with an epidemiologist or a CAPT T/TA provider for assistance with identification and measurement of broader constructs.
- **Reports and Publications:** A link to existing **reports and publications** that use the data.
- **Online Analysis:** Public access to **data analysis**.

DATA SOURCE	**AMERICAN DRUG AND ALCOHOL SURVEY (ADAS):** http://bit.ly/ADAS_inst **(SURVEY INSTRUMENT:** http://adai.uw.edu/instruments/pdf/ADAS_287.pdf)
DESCRIPTION	Developed in 1987 by Rocky Mountain Behavioral Science Institute, ADAS is a commercially available survey on drug use and related behaviors that is administered in school classrooms. It measures the rates of use and attitudes about alcohol, tobacco and other drugs.
SAMPLE/AVAILABLE POPULATIONS	**Populations Surveyed/Target Population:** • Adolescents, grades 6-12 • Children, grades 4-6 **Frequency:** • The frequency at which this survey is administered is at the discretion of the institution.
GEOGRAPHIC LEVEL(S)	Information about the geographic level of this data source is not available, as schools may opt to distribute it statewide, as a district, or as an individual school.
INDICATORS/SURVEY ITEM(S)	**Individual Level** • Personal Approval of Use ○ How much would you try to stop your friends from . . . using marijuana? • Perception of Harm ○ How much do you think people harm themselves if they. . . Use marijuana 1-2 times? Use marijuana regularly? • Situational ○ Have you ever used marijuana when alone? **Peer Level** • Perception of Peer Use ○ How many of your friends do each of the following . . . use marijuana? • Peer Offers ○ How often have your friends asked you to use . . . marijuana? • Perception of Peer Approval ○ How much would your friends try to stop you from . . . using marijuana? **Community Level** • Perceived Availability ○ How easy do you think it would be for you to get each of the following types of drugs if you wanted some . . . marijuana? • Situational ○ During the last 12 months, where have you used marijuana or any other illegal drug (except alcohol) . . . ▪ At weekend parties ▪ At night with friends ▪ Before school events ▪ At school events (dances, games, etc.) ▪ After school events ▪ On the way to school ▪ During school hours at school ▪ During schools hours away from school ▪ Right after school

	▪ While driving around ▪ At home (parents knew) ▪ At home (parents didn't know)
REPORTS & PUBLICATIONS	None
ONLINE DATA ANALYSIS	None

DATA SOURCE	**COMMUNITIES THAT CARE (CTC):** http://www.sdrg.org/ctcresource/ **(SURVEY INSTRUMENT:** http://store.samhsa.gov/shin/content//CTC020/CTC020.pdf)
DESCRIPTION	Developed by J. David Hawkins and Richard F. Catalano, CTC is a coalition-based community prevention operating system that uses a public health approach to prevent youth problem behaviors including underage drinking, tobacco use, violence, delinquency, school dropout and substance abuse.
SAMPLE/AVAILABLE POPULATIONS	**Populations Surveyed/Target Population:** • Grade level: 6-12 **Frequency:** • Administered every two years
GEOGRAPHIC LEVEL	Community
INDICATORS/SURVEY ITEMS	**Individual Level:** • Age of Initiation ○ How old were you when you first . . . Smoked marijuana? • Intention to Use in the Future ○ When I am an adult . . . I will smoke marijuana. • Personal Approval of Use ○ How wrong do you think it is for someone your age to . . . Smoke marijuana? • Perception of Harm ○ How much do you think people risk harming themselves (physically or in other ways) if they . . . Try marijuana once or twice? Smoke marijuana regularly? **Peer Level (assessed at the individual level):** • Perception of Peer Use ○ In the past year (12 months), how many of your best friends have . . . Used marijuana? • Perception of Peer Approval ○ What are the chances you would be seen as cool if you . . . Smoked marijuana? **Family Level (assessed at the individual level):** • Perception of Family/Parent Approval ○ How wrong do your parents feel it would be for you to: . . . Smoke marijuana?

	• Perception of Family/Parent Use ○ Have any of your brothers or sisters ever . . . Smoked marijuana? **Community Level (assessed at the individual level):** • Perceived Availability ○ If you wanted to get some marijuana, how easy would it be for you to get some? • Perception of Community Approval ○ How wrong would most adults (over 21) in your neighborhood think it was for kids your age . . . To use marijuana? • Perception of Community Use ○ About how many adults (over 21) have you known personally who in the past year have . . . Used marijuana, crack, cocaine, or other drugs?
REPORTS & PUBLICATIONS	None
ONLINE DATA ANALYSIS	Online analysis is not available. However, some CTC data are available at https://www.pmrts.samhsa.gov/pmrts/CommunitiesCares.aspx

DATA SOURCE	CORE INSTITUTE, SOUTHERN ILLINOIS UNIVERSITY CARBONDALE: http://core.siu.edu/
DESCRIPTION	The Core Institute is the largest national alcohol and other drug (AOD) database about college student's drinking and drug use in the country. The surveys measure college students' attitudes, perceptions, and opinions about alcohol and drugs. The surveys also measure behaviors of actual AOD use and consequences of use.
SAMPLE/AVAILABLE POPULATIONS	**Populations Surveyed/Target Population:** • Administered at high schools, two- and four-year colleges/universities **Frequency:** • The frequency at which this survey is administered is at the discretion of the institution.
GEOGRAPHIC LEVEL(S)	National, representative sample of colleges
SHORT FORM The short form assesses the nature, scope, and consequences of alcohol and other drug use on college campuses.	
INDICATORS/SURVEY ITEMS	**Individual Level:** • Age of Initiation ○ At what age did you first use . . . Marijuana (pot, hash, hash oil)? • Situational ○ Where have you used . . . Marijuana (pot, hash, hash oil)? **Peer Level:** • Perception of Peer Use ○ How often do you think the average student on your campus uses . . . Marijuana (pot, hash, hash oil)?
LONG FORM This survey contains all the features of the short form, but also assesses the students' attitudes, perceptions, and opinions about alcohol and drugs.	
SURVEY QUESTION(S)	**Individual Level:** • Age of Initiation ○ At what age did you first use . . . Marijuana (pot, hash, hash oil)? • Perception of Harm ○ How much do you think people risk harming themselves (physically or in other ways) if they . . . Try marijuana once or twice? Smoke marijuana occasionally? Smoke marijuana regularly? **Peer Level:** • Perception of Peer Use ○ How often do you think the average student on your campus uses . . . Marijuana (pot, hash, hash oil)?

	• Perception of Peer Approval ○ How do you think your close friends feel (or would feel) about you . . . Trying marijuana once or twice? Smoking marijuana occasionally? Smoking marijuana regularly? **Community Level:** • Situational ○ Where have you used marijuana?
COMMUNITY COLLEGE FORM This survey contains all the features of the long form, but has been redesigned specifically for community college campuses.	
INDICATORS/SURVEY ITEMS	**Individual Level:** • Age of Initiation ○ At what age did you first use. . . Marijuana (pot, hash, hash oil)? • Perception of Harm ○ How much do you think people risk harming themselves (physically or in other ways) if they . . . Try marijuana once or twice? Smoke marijuana occasionally? Smoke marijuana regularly? **Peer Level:** • Perception of Peer Use ○ How often do you think the average student on your campus uses . . . Marijuana (pot, hash, hash oil)? • Perception of Peer Approval ○ How do you think your close friends feel (or would feel) about you . . . Trying marijuana once or twice? Smoking marijuana occasionally? Smoking marijuana regularly? **Community Level:** • Situational ○ Where have you used marijuana?
CAMPUS NORMS FORM This survey assesses students' use of alcohol and drugs, and extensive perceptions of alcohol and drug use on campus by friends, peers, and other student groups on campus.	
INDICATORS/SURVEY ITEMS	**Individual Level:** • Personal Approval of Use ○ Which statement below about using marijuana do you feel best represents your own attitude? ▪ It is never a good thing to use. ▪ Trying it out one or two times is okay as long as it doesn't interfere with academics or other responsibilities. ▪ Occasional use is okay as long as it doesn't interfere with academics or other responsibilities.

	▪ Occasional use is okay even if it does interfere with academics or responsibilities. ▪ Frequent use is okay if that's what the individual wants to do. **Peer Level:** • Perception of Peer Use ○ How often do you think students in each of the following categories (e.g., yourself, your friends, students in general, males, females, on campus students, off campus students, fraternity members, sorority members, and intercollegiate athletes) typically use marijuana? • Perception of Peer Approval ○ Which statement below about using marijuana do you feel best represents the most common attitude among students in general here? ▪ It is never a good thing to use. ▪ Trying it out one or two times is okay as long as it doesn't interfere with academics or other responsibilities. ▪ Occasional use is okay as long as it doesn't interfere with academics or other responsibilities. ▪ Occasional use is okay even if it does interfere with academics or responsibilities. ▪ Frequent use is okay if that's what the individual wants to do.
HIGH SCHOOL EDITION This form contains all the features of the long form, but has been redesigned specifically for high schools.	
INDICATORS/SURVEY ITEMS	**Individual Level:** • Age of Initiation ○ If you have used at what age did you first use...Marijuana (pot, hash, hash oil)? • Perception of Harm ○ How much do you think people risk harming themselves (physically or in other ways) if they... use Marijuana (pot, hash, hash oil)? **Peer Level:** • Perception of Peer Use ○ During the past 30 days on how many occasions do you think the typical student on your campus has used each substance? . . . Marijuana (pot, hash, hash oil)? **Community Level:** • Situational ○ If you have used where have you used. . . Marijuana (pot, hash, hash oil)?
REPORTS & PUBLICATIONS	Statistical reports drawn from a sample of undergraduate students are available at http://core.siu.edu/results/index.html: • Annual reports for years 2006– 013 • National reports for years 2006–2008 and 2009–2011, 2011–2013
ONLINE DATA ANALYSIS	Cost associated with online data analysis, but one can obtain executive summary, cross-tabulation report, and raw data file at no charge.

DATA SOURCE	MONITORING THE FUTURE (MTF): http://www.monitoringthefuture.org/
DESCRIPTION	Monitoring the Future is an ongoing study of the behaviors, attitudes, and values of American secondary school students, college students, and young adults.
SAMPLE/AVAILABLE POPULATIONS	**Populations Surveyed/Target Population:** • Nationally representative samples of 8th, 10th, and 12th grade students **Frequency:** • Annual survey (1975 to present)
GEOGRAPHIC LEVEL	• National • Regional (West, Midwest, South, Northeast) • Large Metropolitan Statistical Area (MSA), other MSAs, and non-MSAs
INDICATORS/SURVEY ITEMS	**Individual Level:** • Perception of Harm ○ How much do you think people risk harming themselves (physically or in other ways), if they . . . Try marijuana once or twice?; Smoke marijuana occasionally?; Smoke marijuana regularly? ○ How much do you think people risk harming themselves (physically or in other ways), if they . . . Try synthetic marijuana once or twice? Take synthetic marijuana occasionally? • Personal Approval of Use ○ Do you disapprove of people who . . . Try marijuana once or twice? Smoke marijuana occasionally? Smoke marijuana regularly? ○ Do YOU disapprove of people (who are 18 or older) doing each of the following? Trying marijuana once or twice? Smoking marijuana occasionally? Smoking marijuana regularly? ○ Do you think that people (who are 18 or older) should be prohibited by law from doing each of the following? Smoking marijuana in private; Smoking marijuana in public places ○ There has been a great deal of public debate about whether marijuana use should be legal. Which of the following policies would you favor? ▪ Using marijuana should be entirely legal ▪ It should be a minor violation like a parking ticket, but not a crime ▪ It should be a crime ○ If it were legal for people to USE marijuana, should it also be legal to SELL marijuana? ▪ No ▪ Yes, but only to adults ▪ Yes, to anyone • Intention to Use ○ Do you think you will be using marijuana or hashish five years from now? ○ If marijuana were legal to use and legally available, which of the following would you

	be most likely to do? ▪ Not use it, even if it were legal and available ▪ Try it ▪ Use it about as often as I do now ▪ Use it more often than I do now ▪ Use it less often than I do now • Reasons for Use ○ What have been the most important reasons for your using marijuana or hashish? ▪ To experiment—to see what it's like ▪ To relax or relieve tension ▪ To feel good or get high ▪ To seek deeper insights and understanding ▪ To have a good time with my friends ▪ To fit in with a group I like ▪ To get away from my problems or troubles ▪ Because of boredom, nothing else to do ▪ Because of anger or frustration ▪ To get through the day ▪ To increase the effects of some other drug(s) ▪ To decrease (offset) the effects of some other drug(s) ▪ Because I am "hooked"—I have to have it • Age of Initiation ○ How old were you when you first smoked marijuana or hashish that frequently? • Problem Use ○ Have you ever tried to stop using marijuana or hashish and found that you couldn't stop? • Situational ○ When you used marijuana or hashish during the last year, how often did you use it in each of the following situations? ▪ When you were alone ▪ With just 1 or 2 other people ▪ At a party ▪ When your date or spouse was present ▪ When people over age 30 were present ▪ During the daytime (before 4:00 p.m.) ▪ At your home (or apartment or dorm) ▪ At school ▪ In a car ▪ At a park or beach

	Peer Level: • Perception of Peer Use ○ How many of your friends would you estimate. . . Smoke marijuana? ○ During the LAST 12 MONTHS, how often have you been around people who were taking each of the following to get high or for "kicks"? . . . Marijuana • Perception of Peer Approval ○ How do you think your close friends feel (or would feel) about you . . . Trying marijuana once or twice? Smoking marijuana occasionally? Smoking marijuana regularly? **Community Level:** • Perceived Availability ○ How difficult do you think it would be for you to get each of the following types of drugs, if you wanted some? . . . Marijuana
REPORTS & PUBLICATIONS	http://www.monitoringthefuture.org/pubs.html#refvols
ONLINE DATA ANALYSIS	Online analysis is not available. However, some MTF data are available at http://www.icpsr.umich.edu/icpsrweb/ICPSR/series/00035.

DATA SOURCE	**NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY (NHANES):** http://www.cdc.gov/nchs/nhanes.htm **(SURVEY INSTRUMENTS:** http://www.cdc.gov/nchs/nhanes/nhanes_questionnaires.htm)
DESCRIPTION	NHANES is a program of studies designed to assess the health and nutritional status of adults and children in the United States. The survey combines interviews and physical examinations.
SAMPLE/AVAILABLE POPULATIONS	**Populations Surveyed/Target Population:** • Nationally representative sample of about 5,000 persons each year. These persons are located in counties across the country, 15 of which are visited each year. Sample for the survey is selected to represent the U.S. population of all ages. **Frequency:** • Annual survey (early 1960's–present)
GEOGRAPHIC LEVEL	National
INDICATORS/SURVEY ITEMS	• Age of Initiation ○ How old were you the first time you used marijuana or hashish? ○ How old were you when you started smoking marijuana or hashish at least once a month for one year?
REPORTS & PUBLICATIONS	None
ONLINE DATA ANALYSIS	Online analysis is not available. However, some NHANES data are available at http://www.icpsr.umich.edu/icpsrweb/ICPSR/series/00039.

DATA SOURCE	NATIONAL SURVEY ON DRUG USE AND HEALTH (NSDUH): http://oas.samhsa.gov/nsduh.htm (SURVEY INSTRUMENT: http://oas.samhsa.gov/nsduh/2k10MRB/2k10Q.pdf)
DESCRIPTION	Provides national and state-level data on the prevalence, patterns, and consequences of alcohol, tobacco, and illegal drug use and abuse in the general U.S. civilian non institutionalized population, age 12 and older.
SAMPLE/AVAILABLE POPULATIONS	**Populations Surveyed/Target Population:** • Survey participants are civilian, non-institutionalized population ages 12 and older in the U.S., including residents of non-institutional group quarters such as college dormitories, group homes, shelters, rooming houses, and civilians dwelling on military installations. **Frequency:** • Annual survey (1971 – present)
GEOGRAPHIC LEVEL	National, regional, state, and sub-state (definitions of "sub-state" may vary, see the link below for details on how each state defines sub-state level: http://www.samhsa.gov/data/NSDUH/substate2k12/RegionDefs/NSDUHsubstateRegionDefs2012.htm)

INDICATORS/SURVEY ITEMS	Due to the level of detail of the questions, the actual survey questions are not listed here as they were for other surveys. To view the survey, go to:
	http://oas.samhsa.gov/nsduh/2k10MRB/2k10Q.pdf
	The related survey questions measure the following:
	• Perception of Harm
	  ○ Perceptions of great risk of smoking marijuana once a month
	• Age of Initiation
	  ○ First use of marijuana

REPORTS & PUBLICATIONS	http://www.icpsr.umich.edu/icpsrweb/ICPSR/series/00064
ONLINE DATA ANALYSIS	Restricted use Data Analysis System (R-DAS): http://www.icpsr.umich.edu/icpsrweb/content/SAMHDA/rdas.html • NSDUH 10-Year Sub-state R-DAS File (2002–2011) • NSDUH 8-Year R-DAS File (2002–2009) • NSDUH 4-Year R-DAS File (2002–2005 and 2006–2009) • NSDUH 2-Year R-DAS File (2002–2003, 2004–2005, 2006–2007, 2008–2009, and 2010–2011) Online data analysis options are also available through the CAPT's SAPPET system: http://sappetdemo.wesdemo.com/welcome.aspx

DATA SOURCE	PRIDE SURVEYS: http://www.pridesurveys.com/
DESCRIPTION	Pride Surveys was created in 1982 with the purpose of helping local schools measure student alcohol, tobacco and other drug use through the use of student surveys.
SAMPLE/AVAILABLE POPULATIONS	**Populations Surveyed/Target Population:** • Grades 4–6 • Grades 6 –2 (Risk and Protective Factor Survey) • Grades 9–12 **Frequency:** • The frequency at which this survey is administered is at the discretion of the institution.
GEOGRAPHIC LEVEL	National, state (Specific state reports are: Alabama, Georgia, Mississippi, New York, Texas, Virginia, and West Virginia)
INDICATORS/SURVEY ITEMS	**Grades 4–6 :** **Individual Level:** • Perception of Harm ○ Do you think the following are harmful to your health . . . Marijuana (pot)? **Peer Level:** • Perception of Peer Approval ○ Would your friends approve of you using. . . Marijuana (pot)? **Family Level:** • Perception of Family/Parent Approval ○ Would your parents approve of you using . . . Marijuana (pot)? **School Level:** • Situational ○ While at school, have you (in the past year) . . . Smoked marijuana (pot)? **Community Level:** • Perceived Availability ○ How easy is it for kids your age to get . . . Marijuana (pot)? • Situational ○ While not at school, have you (in the past year) . . . Smoked marijuana (pot)? • Source of Marijuana ○ Where do you get. . . Marijuana (pot)? **Grades 6 – 12:** **Peer Level:** • Perception of Peer Use ○ Do your friends use marijuana (pot, hash, etc.)?
REPORTS & PUBLICATIONS	Some state and national data summaries on student behavior & perceptions are available to the public at: http://www.pridesurveys.com/index.php/reports-on-student-behavior-perceptions-2/
ONLINE DATA ANALYSIS	None

DATA SOURCE	YOUTH RISK BEHAVIORAL SURVEILLANCE SYSTEM (YRBSS): http://www.cdc.gov/HealthyYouth/yrbs/index.htm
DESCRIPTION	The YRBSS monitors health-risk behaviors that contribute to the leading causes of death and disability among youth and adults, including alcohol, tobacco, and other drug use. YRBSS includes a national school-based survey.
SAMPLE/AVAILABLE POPULATIONS	**Populations Surveyed/Target Population:** • Cross-sectional data representative of public- and private-school students in grades 9-12 (high school) and grades 6-8 (middle school) in the 50 states and DC **Frequency:** • Biennial (odd years) survey
GEOGRAPHIC LEVEL	**High School (1991 – present)** *Participation history for states, districts, tribes and territories can be found at:* http://www.cdc.gov/healthyyouth/yrbs/history-states.htm#2 **Middle School (1995 – present; conducted by interested states, territories, tribal governments, and large urban school districts)** *Participation history for states, districts, tribes and territories can be found at:* http://www.cdc.gov/healthyyouth/yrbs/history-states_ms.htm
INDICATORS/SURVEY ITEMS	**Standard High School (state and local) questionnaire:** • Age of Initiation ○ How old were you when you tried marijuana for the first time? **National High School questionnaire:** • Age of Initiation ○ How old were you when you tried marijuana for the first time? **Middle School:** • Age of Initiation ○ How old were you when you tried marijuana for the first time?
REPORTS & PUBLICATIONS	None
ONLINE DATA ANALYSIS	**High School:** • Prevalence and trend data: 1991–2011: http://nccd.cdc.gov/YouthOnline/App/Default.aspx **Middle School:** • Prevalence and trend data: 1995–2011: http://nccd.cdc.gov/YouthOnline/App/Default.aspx *Online data analysis options are also available through the CAPT's SAPPET system:* www.sappet-epi.com; Password: sappet